

VERSION WITH MARKINGS SHOWING CHANGES MADE TO CLAIMS

1. (Amended) A metering [Metering] valve [for an aerosol container] comprising:

a valve body defining a metering chamber[; said metering chamber] having an inlet and an outlet, [said inlet permitting flow of aerosol from said container to the metering chamber and said outlet permitting dispensing of aerosol from the metering chamber; the inlet having]

an inlet valve adapted to be reversibly actuatable from an open to a closed position located at the inlet; and

[the outlet having] an outlet valve adapted to be reversibly actuatable from a dispensing to a non-dispensing position located at the outlet, wherein said outlet valve [comprises] includes an outlet valve seat [and] adapted to be in biasable contact with an outlet valve poppet [in biasable contact therewith].

2. (Amended) [Metering] The metering valve according to claim 1, wherein said inlet valve [comprises] includes an inlet valve seat [and] adapted to be in biasable contact with an inlet valve poppet [in biasable contact therewith].

3. (Amended) [Metering] The metering valve according to [either of claims 1 or 2] claim 1, wherein the inlet valve [and the outlet valve are closed] is the closed position and the outlet valve is in the non-dispensing position when the metering valve is at rest.

4. (Amended) [Metering] The metering valve according to [any of claims 1 to 3] claim 1, wherein the inlet valve and the outlet valve are adapted to be independently operable.

5. (Amended) [Metering] The metering valve according to [any of claims 1 to 4] claim 2, wherein [any] the inlet and/or outlet valve poppet [comprises] includes an incompressible material, and wherein [any] the inlet and/or outlet valve seat [comprises] includes a compressible material.

6. (Amended) [Metering] The metering valve according to [any of claims 1 to 4] claim 2, wherein [any] the inlet and/or outlet valve poppet [comprises] includes a compressible material, and [any] wherein the inlet and/or outlet valve seat [comprises] includes an incompressible material.

7. (Amended) [Metering] The metering valve according to [any of claims 2 to 6] claim 2, additionally comprising an inlet valve mover [for moving] adapted to bias the inlet valve poppet [out of contact with the inlet valve seat].

8. (Amended) [Metering] The metering valve according to [any of claims 1 to 7] claim 7, further comprising an outlet valve mover adapted to bias the outlet valve poppet, wherein said outlet valve mover and said inlet valve mover are adapted to be independently operable.

9. (Amended) [Metering] The metering valve according to [either of claims 7 or] claim 8, wherein [either or both of said] the inlet valve mover [or said] and/or the outlet valve mover is adapted to be mechanically actuatable.

10. (Amended) [Metering] The metering valve according to [either of claims 7 or] claim 8, wherein [either or both of] the inlet valve mover [or] and/or the outlet valve mover is adapted to be electrically actuatable.

11. (Amended) [Metering] The metering valve according to claim 10, wherein [either or both of] the inlet valve mover [or] and/or the outlet valve

mover [comprises] include a multi-component strip or wire which is adapted to be deformable in response to electrical current flow.

12. (Amended) [Metering] The metering valve according to claim 11, wherein [said] the multi-component strip or the multi-component wire [comprises] include [multiple] a plurality of layers [of], wherein individual layers of the plurality of layers comprise a metal, and wherein the individual metallic layers are comprised of different metals.

13. (Amended) [Metering] The metering valve according to claim 12, wherein the inlet valve mover and/or the outlet valve mover include the multi-component strip, and wherein the multi-component strip includes [comprises] a bimetallic strip.

14. (Amended) [Metering] The metering valve according to [either of claims 11 or 12] claim 13, wherein the multi component strip [comprises] includes at least one piezoelectric or piezoresistive material.

15. (Amended) [Metering] The metering valve according to claim 11, wherein the inlet valve mover and/or the outlet valve mover include the multi-component wire, and wherein [said] the multi-component wire [comprises] includes a nickel-titanium alloy material.

16. (Amended) [Metering] The metering valve according to [either of claims 7 or] claim 8, wherein [either or both of] the inlet valve mover [or] and/or the outlet valve mover is adapted to be magnetically actuable.

17. (Amended) [Metering] The metering valve according to claim 16, wherein [either or both of] the inlet valve mover [or] and/or the outlet valve

mover [comprises] includes a magnetic material or [material which is] a magnetically inductive material.

18. (Amended) [Metering] The metering valve according to [either of claims 7 or] claim 8, wherein [either or both of] the inlet valve mover [or] and/or the outlet valve mover is adapted to be pneumatically actuable.

19. (Amended) [Metering] The metering valve according to [either of claims 7 or] claim 8, wherein [either or both of] the inlet valve mover [or] and/or the outlet valve mover is adapted to be hydraulically actuable.

20. (Amended) [Metering] The metering valve according to claim 18, wherein [either or both of] the inlet valve mover [or] and/or the outlet valve mover [comprises] includes a fluid-filled bag or tube adapted to be capable of transferring hydraulic force.

21. (Amended) [Metering] The metering valve according to [any of claims 1 to] claim 20, wherein the outlet valve poppet [has a form selected from the group consisting of] is in the form of a ball, a mushroom, a cone, a disc [and] or a plug.

22. (Amended) [Metering] The metering valve according to [any of claims 2 to 21] claim 20, wherein the inlet valve poppet [has a form selected from the group consisting of] is in the form of a ball, a mushroom, a cone, a disc [and] or a plug.

23. (Amended) [Metering] The metering valve according to [any of claims 1 to 22] claim 1, wherein said valve body additionally defines a sampling chamber, and wherein the inlet [permits] is adapted to permit flow from the sampling chamber to the metering chamber.

24. (Amended) [Metering] The metering chamber according to [any of claims 1 to] claim 23, wherein the metering chamber [has] is adapted to have a fixed volume.

25. (Amended) [Metering] The metering valve according to [any of claims 1 to] claim 23, wherein the metering chamber [has] is adapted to have a variable metering volume.

Kindly ~~cancel~~ claims 26-63 without prejudice to the filing of claims, prospectively, directed to the subject matter therein.